MIT's Oldest and Largest Newspaper



WEATHER, p. 2
TUE: 72° F | 55° F
Sunny
WED: 81° F | 63° F

Sunny

THU: 80°F | 60°F

Chance of storms

Volume 130, Number 38 tech.mit.edu Tuesday, September 21, 2010

UA Senate convenes first meeting of school year



Undergraduate Association President Vrajesh Modi and Vice President Sammi Wyman preside over the first UA Senate meeting of the term Monday. The meeting focused on the budget for the year.

Love appointed new dean of FSILG office

By Jessica Fujimori

Marlena Martinez Love has been promoted to assistant dean and director of Fraternities, Sororities, and Independent Living Groups. She replaces Kaya Miller, who left to accept a position with the national sorority Alpha Omicron Pi in Nashville, Tennessee

Love is one of two new appointments in the Department of Student Life. The other appointee is Leah Flynn, who will take her new role as Assistant Dean and Director of Student Leadership and Engagement Programs on October 25.

Love has worked in the FSILG office for three years, serving as assistant director, and as the office's interim director since June.

She loves the work. "Every day provides a different challenge, but in the end it's really fulfilling," she said. "The staff and students are wonderful, and the alumni care so much."

Love begins her tenure in the



JASON U. CHIU—THE TECH

middle of two high-profile fraternity sanctions: Phi Beta Epsilon and Beta Theta Pi were barred this fall from extending bids to new members. Love declined to comment on the

FSILG dean, Page 8

Four Bexleyites on 2014 class council

'No freshman left behind' is slogan

By Deborah Chen

Four of the seven new officers in the freshman class council hail from Bexley this year, the UA announced on Saturday.

Daesun Yim and Candace E. Chen, both Bexleyites, are the new president and vice president, respectively. Also from Bexley are Anika Gupta, the secretary, and Oliver R. Song, a publicity co-chair. Other elected officers were Jonathan Chien '14 as publicity co-chair, Angela W. Zhu '14 as treasurer, and Jean Xin '14 as publicity co-chair.

Despite the majority of Bexley residents on the class council, the newly elected officers believe they can adequately represent the entire campus.

"It doesn't necessarily define us. We're all different and make up different cross-sections at MIT," Gupta said. Yim said he felt he could "empathize and identify with priorities of people all over campus."

Yim said that the class council is typically dominated by West Campus. He hopes that the current council can bring a more East Campus perspective.

Zhu, who lives at Baker, believes the council can "evenly and fairly represent all the dorms."

The new class officers already have ideas for serving the Class of 2014.

Yim, who worked with a startup company while in high school, hopes to use his business skills in the greater Boston area to subsidize council events and stretch council resources. Chen said that she would like to have more MIT 2014 apparel. Gupta, on the other hand, introduced the idea of having a "hop-on, hop-off" one-day bus tour of Boston for all freshmen. "It's all about what the Class of 2014 wants as a whole," Yim said.

Chen and Zhu, who describe themselves as "leadership newbies," said they were excited to learn from the other members.

Friends campaigned together

Many of the class council members knew each other prior to the election. Yim and Song are roommates, while Gupta lives down the hall. Chen lives a floor down.

It was "pretty magical" that all four won their respective races, Gupta said.

Four of the class council members, Yim, Song, Gupta and Xin met in the Freshman Leadership Program, a pre-orientation program. Yim said that having a strong community at FLP gave him a huge advantage

Chen, who ran on the platform, "No freshmen left behind," said that the process of meeting people through campaigning was a valuable experience, regardless of the results. "We helped each other campaign because we were all friends and supported each other," Chen said.

During their campaigns, Yim, Chen and Gupta relied on name recognition and word of mouth, often linking their names to each other. Yim concentrated on visiting vari-

2014 council, Page 8

Tang moves closer to court and class

Still under house arrest, Tang will live in Brighton to reduce commute

By John A. Hawkinson

NEWS EDITOR

Anna L. Tang is moving from Framingham to Brighton while under house arrest to be closer to her trial and the class she is taking at Boston University.

Tang, the former Wellesley student who stabbed MIT student Wolfe B. Styke '11 in 2007, was being treated for mental illness prior to the stabbing. Judge Bruce R. Henry approved the move on Friday.

The defense and prosecution both expect that the move will allow the court's Probation department to reduce the amount of time Tang is permitted to leave her home given that her transit time will be less.

Also before the court on Friday was Tang's motion to exclude the report of the Commonwealth's expert witness from her trial. That report, authored by forensic psychologist Alison Fife, reflected Fife's change of opinion about Tang's criminal responsibility for the stabbing. Fife had originally opined Tang was not criminally responsible for her actions in the stabbing, the defense said. Tang waived her right to a jury trial on that basis.

The trial was then suspended

while both sides figured out what to do. The legal proceedings remain in a indeterminate state.

Judge Henry denied the defense's motion to exclude Fife's change in opinion. The Commonwealth argued that the defense had had 77 days to process the change in information, and that by the time the trial was scheduled and continued, would have several more months. The judge appeared convinced by the Commonwealth's argument.

A large open question remains whether Tang's trial will resume as a

Anna Tang, Page 7

Two developments in human stem cell case

DOJ files second motion to lift temporary ban, U. of California asks to join the case

By John A. Hawkinson

Two new developments occurred yesterday in Sherley v. Sebelius, the case that has halted and restarted federally funded human embryonic stem cell research.

In one development, the Department of Justice filed its second brief in favor of lifting the temporary ban on the research. This is the last written filing expected prior to oral argument before the Circuit Court of Appeals for the District of Columbia that will be happening on Monday morn-

Also yesterday, the University of California asked the

court for permission to intervene in the appeal — that is, for permission to become a party in the case and to lodge its own arguments before the court, in addition to those of the NIH and the DOJ.

Justice's filing

The DOJ's filing raised a few new issues, but says that several arguments raised last week by James L. Sherley and Theresa A. Deisher were invalid. Sherley and Deisher are the adult stem cell researchers suing the government. They say the government's use of federal funds in embryonic stem cell research violates a

Stem cells, Page 7

IN SHORT

Undersecretary for Science Steven E. Koonin PhD '75 of the U.S. Department of Energy will give a lecture called "Energy Innovation at Scale" in 32-123 at 2 p.m. on Wednesday. The talk is part of the Hoyt C. Hottel Lecture series, hosted by the MIT Energy Research Council and Chemical Engineering Department.

Grab your digital cameras! Technique's annual "A Day in the Life of MIT" project will be this Thursday. Take part in this community experiment by snapping photos throughout the day and uploading them to aditl.mit.edu. At the end of the day, peek into someone else's day by perusing the community timeline.

The annual MIT Police bike auction will begin at 11 a.m. Friday in the small lot near the corner of Mass. Ave. and Vassar St. A preview of bikes will begin half an hour before the auction. Only MIT community members may participate. Cash or check only.

Send news information and tips to *news@ tech.mit.edu*.

DR. KEYNES-LOVE

Or: How in these recessionary times I learned to stop worrying and love the Bush tax cuts. **OPN**, **p**. 5

BROUHAHA RHYTHM

How I went to the Boston Film Festival and met Aaron Eckhart. **CL, p. 6**

VARIOUS STATES OF UNDRESS

So you're on the rag — but he says he mess doesn't bother him. **CL, p. 6**



PARKOUR AND FREE-RUNNING IN BOSTON

It was a Friday afternoon full of heart-stopping backflips and other death-defying shenanigans at Boston City Hall. **SPO, p. 18**

YOUR NEW HOME

The Boston Celtics are 17-time world champions and Boston's most accomplished sports team. **SPO, p. 18**

SECTIONS

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Student loan payback: full mind, empty pockets

ALBANY, N.Y. - Nationally, student loan debt recently surpassed credit card debt, according to Mark Kantrowitz, director of FinAid.org, a financial advice website. Americans are now saddled with \$830 billion in private and federal student loans, compared to \$827 billion in credit card debt, the Wall Street Journal recently reported.

Kantrowitz said that while increasing student loan debt is not quite another real estate bubble, he said it's a slowly growing crisis that could have a lasting effect.

He said many college graduates will still be paying off student loans when their own children go to college and large debt burdens will force many to push back life plans, like having children and buying a house. It might mean that their children will also have to pay more for college because their parents are unable to

The U.S. Department of Education reports that more people are defaulting on their student loans. Seven percent of borrowers defaulted in fiscal year 2008, up from 6.7 percent the year prior.

In New York, the Higher Education Services Corp., which services and collects federally backed college loans in the state, has almost \$2 billion worth of defaulted debt on its hands.

—Scott Waldman, Albany Times Union

DREAM Act the target of last-minute lobbying

WASHINGTON — Supporters and opponents of a proposal to create a citizenship path for illegal immigrants who excel in school or serve in the military are rallying support on Capitol Hill in anticipation of a Tuesday vote on the hot-button political is-

The DREAM Act — formally known as the Development, Relief and Education for Alien Minors Act — would create a path to citizenship for people brought to the United States illegally as children if they meet certain requirements.

It had stalled as broader immigration reform stalled. Last Tuesday, Senate Majority Leader Harry Reid, D-Nev., revived the proposal when he announced he would attach the DREAM Act to a must-pass bill authorizing Pentagon activities for the coming

The move, along with the inclusion of a measure allowing gays and lesbians to serve openly in the military, caused outrage among many conservatives. Sen. John McCain, R-Ariz., accused Reid of turning "legislation on our national defense into a political football" and has promised to prevent the defense authorization bill from reaching the Senate floor.

Reid and other DREAM Act supporters face a tough battle to get the 60 votes needed to pass the bill. With the vote expected to be so close, interest groups are not sitting this out.

-Mengfei Chen, Hearst Newspapers

Web tool to check heart risk is doubted

A new study finds that a widely used version of the ubiquitous heart attack risk calculator is flawed, misclassifying 15 percent of patients who would use it - almost 6 million Americans, of whom almost 4 million are inappropriately shifted into higherrisk groups that are more likely to be treated with medication.

And while the tool is easy to use, the authors say, the original calculator on which it is based is equally user-friendly for anyone with a computer — and significantly more reliable.

"People were told that for clinical purposes either one of the formulas could be used, that they were interchangeable," said the study's senior author, Dr. Michael Steinman, an associate professor at San Francisco Veterans Affairs Medical Center.

—Roni Caryn Rabin, The New York Times

Short of repeal, Republicans will chip away at health care

By Robert Pear THE NEW YORK TIMES

WASHINGTON — Republicans are serious. Hopeful of picking up substantial numbers of seats in the congressional elections, they are developing plans to try to repeal or roll back President Barack Obama's new health care law.

This goal, although not fleshed out in a detailed legislative proposal, is much more than a campaign slogan. That conclusion emerged from interviews with a range of Republican lawmakers, who said they were determined to chip away at the law if they could not dismantle it.

House Republicans are expected to include specifics in an election agenda they intend to issue Thursday. Although they face tremendous political and practical hurdles to undoing a law whose provisions are rapidly going into effect, they are laying the groundwork for trying.

For starters, Republicans say they will try to withhold money that federal officials need to administer and enforce the law. They know that even if they managed to pass a wholesale repeal, Obama would veto it.

"They'll get not one dime from us," the House Republican leader, John A. Boehner of Ohio, told The Cincinnati Enquirer recently. "Not a dime. There is no fixing this.'

Republicans also intend to go after specific provisions. Sen. Orrin G. Hatch of Utah, a senior Republican on the Finance Committee, has introduced a bill that would eliminate a linchpin of the new law: a requirement for many employers to offer insurance to employees or pay a tax penalty. Many Republicans also want to repeal the law's requirement for most Americans to obtain health

Alternatively, Republicans say, they will try to prevent aggressive enforcement of the requirements by limiting money available to the Internal Revenue Service, which would collect the tax penalties.

Republicans say they will also try to scale back the expansion of Medicaid if states continue to object to the costs of adding millions of people to the rolls of the program for low-income people.

In addition, Republican law-

makers may try to undo some cuts in Medicare, the program for older Americans. Many want to restore money to Medicare's managed care program and clip the wings of a new agency empowered to recommend cuts in Medicare. Recommendations from the agency, the Independent Payment Advisory Board, could go into effect automatically unless blocked by subsequent legislative

Rep. Michael C. Burgess, R-Texas, a physician, acknowledged that repealing the law becomes more difficult with each passing week, as various provisions take effect and are woven into "the fabric of American

Michael A. Needham, chief executive of Heritage Action for America, who is leading a campaign for repeal, said, "There will be technical challenges in unwinding the legislation."

Many Republican candidates for Congress have emphasized their desire to repeal the health care law. Their vow is an election issue, and more — a commitment they mean to pursue, regardless of the election

As news organizations go silent, a Mexican paper speaks out

By Randal C. Archibold

THE NEW YORK TIMES

MEXICO CITY — It was at turns defiant and deferential, part plea and part plaint, a message as much to the drug gangs with a firm grip on Ciudad Juarez, the bloodiest city in Mexico's drug battles, as to the authorities and their perceived helplessness.

"We want you to explain to us what you want from us," the frontpage editorial in El Diario in Ciudad Juarez asked the leaders of organized crime. "What are we supposed to publish or not publish, so we know what to abide by. You are at this time the de facto authorities in this city because the legal authorities have not been able to stop our colleagues from falling."

In Mexico's drug wars, it is hard to pinpoint new lows as the atrocities and frustrations mount. But Ciudad Juarez belongs in its own category, with thousands killed each year, the exodus of tens of thousands of residents, the spectacle of the biggest national holiday last week observed in a square virtually devoid of anybody but the police and soldiers, and the ever-present fear of random

The question now is whether anyone there will dare to continue documenting the turmoil in Ciudad Juarez, a smuggling crossroads across from El Paso, Texas, that is battled over by at least two major criminal organizations.

El Diario's open letter to the city's drug lords and the authorities it believes have failed to protect the public ran Sunday, the day after the funeral of Luis Carlos Santiago, 21, a photography intern at the paper who was shot dead while leaving a shopping mall after lunch. A car drove up, and there was a barrage of bullets. Santiago, shot in the head, died instantly while another intern, who was wounded, stumbled and

dragged himself to safety in the mall and is recuperating.

All along the border, news organizations have silenced themselves out of fear and intimidation from drug trafficking organizations, but El Diario had a reputation for carrying on — and paying a price. One of its reporters was gunned down two

Had Santiago snapped some offending picture? Was it the car he was driving, which belonged to a friend who happens to be a prominent state human rights official? Was it related to a run-in with other young people he reportedly had weeks ago?

The Mexican government, while condemning acts of aggression against journalists and dismissing the idea of striking truces or negotiating with criminal organizations, highlighted the theory of the run-in Monday, saying state prosecutors were looking at some personal grievance as the "probable motive."

WEATHER

No hurricanes this week!

By Roman Kowch

STAFF METEOROLOGIST

For today, New England will enjoy beautiful weather. Highs should top out near 70°F with a light breeze from the west. These conditions are complements of an area of high pressure moving eastward from the Great Lakes region.

Such clear weather is the exact opposite of conditions on this day in 1938, when New England experienced a very powerful hurricane with estimated winds of 150 mph as it slammed into Long Island,

Continuing northward, the

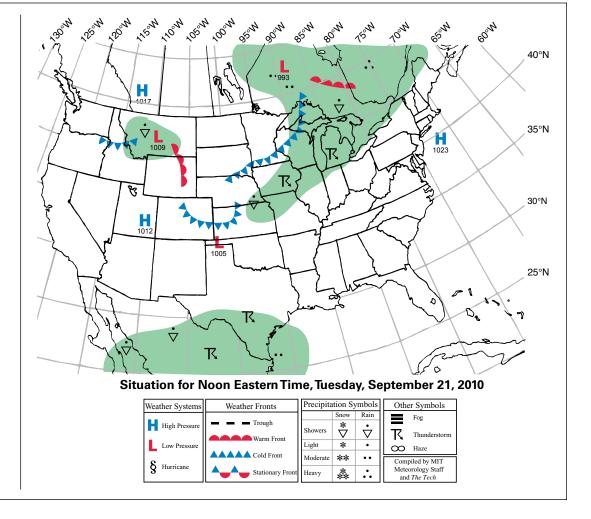
ditions into the heart of New England, and Boston recorded its highest average wind speed for one minute — 87 mph. Once it was over, the storm caused \$3.6 billion (1990 dollars) in damage (the most for any New England weather disaster) and took over 600 lives. Such extraordinary weather does not appear to be in store for us today, and the clear weather will continue through Wednesday before a cold front quickly moves through on Wednesday night. A slight chance of rain will accompany this front, before clear skies return once again for the MIT Career Fair on Thursday.

storm brought dangerous con

Extended Forecast

Today: Sunny. W wind at 5-15 mph, shifting to SE. High 72°F (22°C).

Tonight: Clear. SW wind around 10 mph. Low 55°F (13°C). Tomorrow: Sunny. W wind at 15-20 mph. High 81°F (27°C).





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Coffee Chats

TODAY

Toscanini's 899 Main Street 10:00 a.m. - 2:00 p.m.

Athletes Event

Wednesday, September 22 Zesiger Center 2:00 - 5:00 p.m.

Career Fair

Thursday, September 23 Johnson Athletics Center – 2nd floor 11:00 a.m. - 5:00 p.m.

McKinsey Operations Event

Friday, September 24
MIT Campus – RSVP to
katelyn_ohara@mckinsey.com
2:00 - 4:00 p.m.

Application Deadline

Sunday, September 26 www.mckinsey.com/usschools 11:59 p.m.

www.mckinsey.com/careers

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Info Sessions [Free Food!]

 Tuesday
 Sept 28
 5:30 PM
 1-390

 Tuesday
 Sept 28
 7:00 PM
 1-390

 Thursday
 Sept 30
 5:30 PM
 4-270

UPOP is a prerequisite for the **Bernard M. Gordon Engineering Leadership Program** for juniors & seniors 4 THE TECH
TUESDAY, SEPTEMBER 21, 2010



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By **Joseph Maurer** and **Ethan Solomon**

Simmons senator

Won a landslide victory with 2 first-place votes.

PBE and Beta prospectives

Not a great situation to be in. Fortunately, there were 25 others to choose from.

Dorm packages

Who loves Amazon Prime for students? Not desk workers.

FT E62 Sloan building

Glass is the new concrete.

First full week of classes

Smile, you're on Pass/No Record.

New security cameras

Big Brother is watching your walk of shame across the Harvard Bridge.

LETTERS TO THE EDITOR

Bike parking situation out of hand

As a daily bike commuter to campus, I'm finding the lack of bicycle parking to be increasingly frustrating with each passing day. After parking my bike in the back of 26-100 today due to lack of any available space, I decided to write in to *The Tech*. Instead of requesting more space, though, I'd like to suggest some courtesies that other bicycle commuters, as well as the campus police, can do to improve the situation for everyone.

Bicycle commuters: Please follow just a few simple rules!

1. Do not take up more than one parking space!

2. If you're parking your bike for more than 24 hours, please use more remote parking options, such as the bicycle parking available in dormitory basements or the Stata basement; there's an elevator on the south side of Stata that fits a bike and brings you right to that parking. Don't take up valuable space at the entrance to buildings that daily commuters really need.

3. Finally, if possible, bring your bike up to your office or lab. Undergraduates do not typically have this luxury, so if you lucky grad students or employees have some space upstairs, please use it!

4. If you have a bike that's been sitting outside for more than three or four days, please go move it somewhere else. Right now. Take it home, find a better place for it — those of us who actively bike really need to use your spaces.

Campus police: Ask any bike commuter and they can point out to you the dozens of bikes that have languished on racks for one, two, eight weeks. They are there every day and we know it. Please be more proactive with tagging bicycles and removing them promptly. I suggest going around after 10 p.m. to tag bikes, as most commuters have left for the day by then.

Bike parking on campus is a limited resource. We could always use more, yes, but we can also use what we have more courteously and wisely.

-Sarina Canelake '11

Beaver fever

I love the whole new attitude of the football team — it's a tough sport that should be taken seriously if you're going to compete at the NCAA level. MIT has many successful sports teams, and why shouldn't football be included? Maybe not this season, but over the next few seasons as more recruits come in from established programs, I guarantee that MIT football will be competing for their conference championship!

There are excellent football players around the country (who can also handle the demanding academics at MIT) — kudos to Coach Martinovich for trying to bring those types of players here. The class of 2014 is a clear case in point. Freshmen like #64 Derek Vaughn, #12 John Wenzel, and #13 Mathew Peterson are already making their presence felt. Individual battles on the field and ultimately the games themselves are won in the weight room. Its starts there, and it's great the coaching staff is emphasizing it. I love this team and will attend every game home or away. And as we improve, so hopefully will the student body's support for the team. Let's Go Engineers! I think everyone should get high on Beaver Fever!

—Joel Santisteban '14

Not an arts takeover

In a news article in the Sept. 3 edition, you highlighted our exciting plans to enhance student arts programs at MIT. It was wonderful to receive frontpage attention in support of our efforts to bring this news to the community. Unfortunately, several key points were

either lost or mangled during your deadline editorial process. I would like to take this opportunity to set the record straight for the sake of clarity and to advance student understanding about what we offer and how we operate.

First of all. I must humbly admit. as the coordinator of the Student Art Association, that we are not launching a partial takeover of the Office of the Arts, as suggested in your headline, "Art programs get moved around in reorganization: To make arts at MIT more coherent," SAA will take over some programs from the Office of the Arts." In fact, the reality is simpler to follow. The Office of the Arts is an umbrella organization, consider it a kind of mothership, and it is orbited by several entities, such as the SAA, that report to it. Other such entities include the Council for the Arts (CAMIT) and Student Arts Programs. This entire system is overseen by Leila Kinney, Director of Arts Initiatives at

Some of the dynamic changes we are pleased to share with the community involve groups that fall under the auspices of Student Arts Programs. The Arts Scholars Program, Grad Arts Forum, Art Reps, and MIT Mural Competition will continue to be offered by the Office of the Arts. However, and here is the possible trigger of our translation difficulties, I will be running these programs this year and dividing my time between these responsibilities and my role at the SAA. These programs have not moved, I have simply been charged with broadening and strengthening them.

FAST, the Festival of Art, Science and Technology that is part of MIT's 150th anniversary, will include a range of projects from students, faculty and outside groups The competition will be open to all students, not only to those in Professor Tod Machover's class.

Again, thank you for the attention given to the new energy around the arts, and for the opportunity to clarify several significant errors.

—Sam Magee Coordinator of Student Arts Programs

OPINION POLICY

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of Chairman Steve Howland, Editor in Chief Jeff Guo, Managing Editor David M. Templeton, Executive Editor Natasha Plotkin, Opinion Editors Joseph Maurer and Ethan Solomon, Contributing Editor Michael McGraw-Herdeg, and Advisory Board member Andrew T. Lukmann.

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Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will

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TO REACH US

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Dr. Keynes-love

Or, how I learned to stop worrying and love tax cuts

By Keith Yost STAFF COLUMNIST

Unless you've been living in a cave for the past year (better luck next time with that mortgage), this should come as no surprise: The recovery is not going well. The stimulus bill, passed at the start of 2009, failed to bring the economic growth and employment predicted by its architects. Unemployment is higher than the White House projected it would be *without* the stimulus, suggesting, in the ultimate of political embarrassments, that the administration's own numbers prove their policies have been counter-productive.

In response, President Obama claims foreign countries are the guilty parties they have failed to increase their public spending as much as they should, leaving less demand for U.S. products. The charge is politically clever — foreigners are nothing if not good scapegoats — but as a matter of economic fact it is more than a little lacking. Exports account for roughly 7.5 percent of U.S. GDP. If our trade partners had increased their public spending as much as the U.S. (5.5 percent of GDP) instead of the 3.5 percent boost they actually did pass, the increased demand in the United States would be on the order of \$20 billion. It is hard to believe that the \$787 billion stimulus package failed on the scale that it did for want of a measly \$20 billion in consumer demand.

Moreover, it should come as no shock to the president that German voters do not believe it their duty to spend hard earned public monies on the rescue of a foreign economy (good luck with Greece, Mrs. Merkel). If Obama really believed the recovery hinged on the cooperation of other nations, he is guilty not just of bad economic thinking, but naivete as well.

In reality, the reason for sluggish growth is not that the stimulus was \$20 billion too small — it's that it was a *trillion* dollars too small. At the time of the bill's passing, the Congressional Budget Office projected a difference between actual and full national output of \$2.1 trillion over the next two years.

\$787 billion, even if allocated wisely, was at most a half measure.

Much as it was with Donald Rumsfeld and his war planning team, Obama and his stimulus crafters bought into the politically convenient delusion that it is possible to achieve all of one's goals without paying the full measure of their cost. And even more so than it was in Iraq, the United States can ill afford taking four years to overcome its delusion before finally putting more troops on the ground — we need an economic surge today.

In an ideal market, a sudden fall in consumer spending would not lead to unemployment As consumers reduce their spending, they increase their saving. This increase in saving means more loanable funds and cheaper rates of borrowing, and, as a consequence, businesses and individuals invest more. That means more construction, more education, more capital goods and so on in an ideal market, there would be a near one-to-one correspondence between the number of workers lost in consumer goods production and the number of workers gained in capital generation. There might be efficiency losses in the transition — not all economic resources are fungible across the two sectors - but there would not be involuntary underemployment.

Unfortunately, we do not live in an ideal market. Price and wage signals are sticky, and the real economy takes time to adjust to a new set of signals. The production of future goods cannot be ramped up as quickly as the production of present goods can be slashed. The worker laid-off today does not find new employment or return to school. He sits idle, like many of this nation's factories and offices, a victim of the paradox of thrift. The old adage is wrong — there is such a thing as a free lunch, and it comes in the form of putting an unemployed worker back into use.

The solution, as most good economists will tell you, is to ease the transition from a low-saving equilibrium to a high-saving equilibrium by temporarily boosting aggregate demand. In an ideal market this would not only be unnecessary, but it also would not work — the borrowing done by govern-

ment to pay for its stimulus would absorb loanable funds and reduce private sector investment — but in the imperfect market there is no such trade-off, as the loanable funds, like the workers, are sitting idle. Today, despite massive government borrowing, the interest rate remains at rock bottom; investment crowd-out should not be a salient concern.

There are two fiscal strategies for increasing aggregate demand: The first is spending, in which the government purchases some good or service for its use, and the second is tax cuts or transfer payments, in which the government returns money to citizens.

Government spending, in its ideal form, is the first-best strategy to boost aggregate demand, for the simple reason that it attacks the problem most directly. A dollar spent by the government is a dollar increase in aggregate demand. Conversely, not all of a dollar that is put in the hands of a consumer will go directly to increasing demand. The fraction of the dollar that is spent boosts aggregate demand, but the fraction of the dollar that is saved is like pushing on a string — it merely increases the amount of loanable funds sitting idle

There are other compelling reasons for government spending. In the long run, government spending during a recession can reduce the budget deficit. Interest rates are low, wages are low, material costs are low... there is never a better time for government to invest on the cheap. Now is the moment to stock up on roads and bridges and any other inevitable outlays.

Regrettably, we do not live in the economists world of benevolent dictators, where the first-best solution exists as an option. We live in a world of myopic legislators who would rather promote their own parochial interests over the general good. If the first round of stimulus proved anything, it was that theory and practice are two very different birds. Handed an unassailable majority, the Democrats passed a "stimulus" whose spending components better resembled a partisan wish list than a cool-headed attempt at boosting the economy. Spending

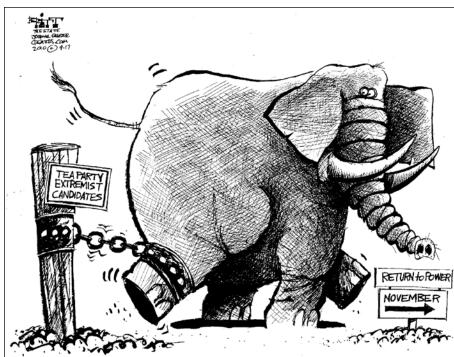
sooner is better than spending later, but as of today, \$210 billion of the recovery act spending has yet take place, and another \$65 billion in tax cuts have not been issued. It is also better to direct funds towards productive outlets, yet the stimulus was full of pork-barrel projects that in better times had been dismissed as wasteful and not serving the public welfare.

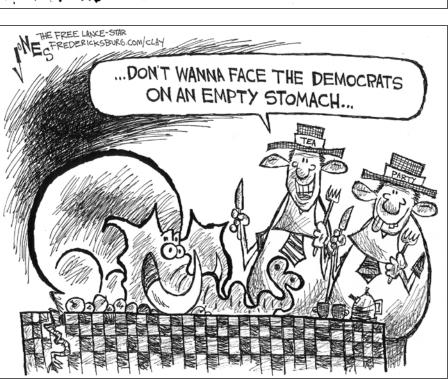
If our politicians are not responsible enough to execute the first-best solution, then the next round of stimulus will perforce consist primarily of the second best solution: tax cuts. Though some of their effect is lost through saving, tax cuts can be implemented quickly and have the added bonus of decreasing deadweight loss. Already the discussion in Washington has turned to this alternative, spurred on no doubt by the coming expiration of the so-called Bush tax cuts.

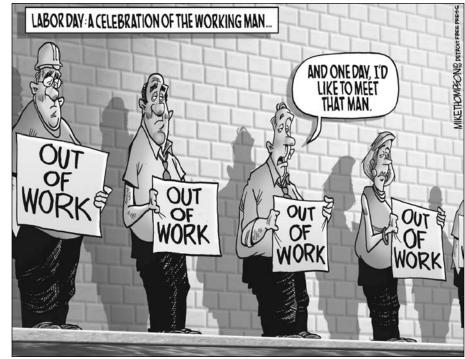
Currently, Democrats and Republicans are locked in a difficult struggle over the composition of tax relief. Democrats would like to cut taxes where the boost in aggregate demand will be highest (lower class income taxes), and Republicans would like to cut taxes where the removal of deadweight loss will be highest (capital gains, upper class income taxes). This is a worthy debate. But both sides are missing the bigger picture: Regardless of composition, the Bush tax cuts are simply not large enough. The demand gap that we face should compel us not merely to extend them, but to double or treble them for a period of two years.

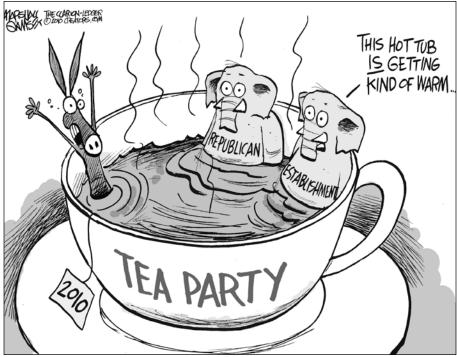
Is this politically feasible? That depends. If Democrats truly believe we must stimulate, and are not, as some would claim, using the crisis as justification for wasteful spending and class warfare, and if Republicans really do buy into their own deification of tax cuts and do not treat seriously the notion that long-term debt problems must be solved before short term emergencies, then a major short-run tax cut seems imminently achievable.

There is an urgent need to restore consumer demand, and only one policy alternative that is both economically capable and politically viable: We should temporarily triple the Bush tax cuts.









BROUHAHA RHYTHM

Fifteen minutes of being near someone famous

Boston Film Festival brings filmmakers and filmgoer together

By Michael T. Lin CAMPUS LIFE EDITOR

Being the film-inclined person that I am, I'm fortunate enough to have friends that likewise enjoy watching movies and will let me know when nifty movie events happen. So naturally, I eventually caught wind, albeit at very short notice, of the Boston Film Festival that happened last weekend and decided on a whim to hop out after class on Friday and go to my first film premiere.

Those who know me well will know that for all of my history of procrastination, I will occasionally be struck by fits of paranoia that result in excessive punctuality to the point of often being ridiculously early to things. Last weekend, it meant that at 3 o'clock on a Friday with a 7 o'clock showtime to make, I found myself on campus wondering how best to make sure I could get tickets. My long and convoluted train of

thought went something like the following: Well, the film's cast and crew are going to be there, as well as the really-famous executive producer and director's brother, so it could be really crowded. I should get tickets in advance."

"Hmm, according to the website, the

only way to get tickets online is to buy them and print them out, but I'm not near my printer in my dorm room. Maybe I could print my ticket from Athena?'

"Well, what if they don't take black and white tickets?" (Have you ever had a thought that made sense in your head, but not on paper? This one barely made sense even in my head.) "I could take a shuttle back home, print my ticket out there, then catch another shuttle to the Kendall Square subway station to go to the theater."

'But I'm already so close to the T station, that seems like it'd be an awful hassle. Wait, what if you can only buy tickets online? I'd better call them and check." (The train of thought has decidedly gone off the rails at this point.)

That automated message was decidedly unhelpful. I shall check the website again. It says here that you can get a parking discount by presenting your ticket stub, so obviously, they sell tickets in person." (The train of thought has sprouted wings and flown to Wackyland, home of the dodo

"So what I could do is go there and buy a ticket at the box office — but it's so early! Then again, I am pretty hungry... I'm kind of craving that Chilean sandwich place near the Park Street station. All right, let's go!" And that's how I ended up in the theatre district near Boston Common at fourthirty in the afternoon — again, for a 7 o'clock showtime.

As it turns out, they did sell tickets in person, even up until half-an-hour before the movie started. Nonetheless, I was rewarded for my irrationality by getting to spend some time sitting in the lobby of the Stuart Street playhouse, watching various members of the press mill around and chatting with them about things like the \$3.50 packs of Reese's Pieces and whether movies require popcorn until red carpet

There actually was a bona fide red carpet reception when the cast and crew and family arrived, and although it certainly wasn't the Academy Awards (the red carpet was ten feet long and four feet wide), it was still exciting to stand opposite the press cameras next to the film's poster, putting me in smelling distance of the most photographed sign in Boston that evening. I also got the autograph of the aforementioned executive producer, Aaron Eckhart, whose brother James made his directorial debut

The film itself is called To Be Friends, a beautifully shot and scored super-indie drama co-starting Joelle Carter and Todd Stashwick, whose autographs I also would have gotten had I not used up all of my star-struck-resistance with Mr. Eckhart. Being the shrewd moviegoers we are, my friend Monica and I staked an early claim on the two seats at the end of the Reserved section, meaning that we saw the movie one row in front of and 6-8 places down from the Eckhart brothers, which itself made us giddy in our seats. I gave the autographed booklet to Monica as thanks for the tip about the premiere, then played wingman to getting the autographs of the cinematographer, composer, and director, all of whom were positively lovely people, although Todd Stashwick gets extra points for playfully photobombing Joelle Carter on the red carpet. We chatted with the very down-to-earth James Lawrence Eckhart for a little while outside the theater, then reiterated some well-deserved congratulations to him and left.

Then I went home, thought back on the surreal evening I'd just had, and giggled like a little girl.

VARIOUS STATES OF UNDRESS

A bloody affair

Auntie Flo is in town and on the prowl

By M.

Thanks to the wonders of the female body, every 28 days my cooter turns into that scene from *The Shining* where blood pours out of the elevator and into a hallway, rushing like a massive flood. I hang up a sign on the muffin shop stating that we're closed for business and will re-open in seven days because, really, what guy wants to do a girl when she's on the rag?

Turns out, plenty. (I wish I'd learned this sooner.)

I'm convinced that guys can sniff out when I absolutely cannot have sex. Nobody wants to sleep with me the other 21 days of the month, but guys do love to pursue me when I'm bloated and cranky and with bleeding vagoo. It's something akin to Shark Week: They smell the blood from a mile away and pounce on their prey. I have always tried to put them down gently, sure that, if they knew the bloody mess I had between my legs, they would be discouraged. I mean, it's sort of awkward to bring up the shedding of my uterine lining with a dude over a glass of sangria, right? Right.

I had a cleverly devised out in case I

was ever in a sticky situation while on the rag: uninterrupted oral attention. What guy would ever complain about that? He gets what he came for, and I don't have to explain why there's a string hanging from my vagina. Win-win!

My plan was so bulletproof that it back-

I went to the pub with my guy friends for a pint, and when they worried they might be cockblocking me, I proudly exclaimed, "Oh, I'm most definitely not getting laid tonight!" But of course, as luck would have it, I had to meet a cheeky fellow so irresistible that I gave in to his flirting. My new friend and I were getting along very well, and we decided to take our operations elsewhere. I tried my usual strategy and it seemed to work until he told me, "I really want to have sex with you, even if you're on the rag. I don't mind."

Oh. My. GAWD. I almost choked on it. Those words surprised me so much that I needed to get my act together and be a trooper. I had to get into the spirit of things. Paint the town red or whatever, I hesitated, thinking he'd stop halfway with a sorry look on his face and pull out, cut his losses, and leave, but I am happy to

report that my lover was the trooperiest trooper ever and he took it like a champ. Guys who like to bang on the rag, I give you your poster child.

I mean, it's sort of awkward to bring up the shedding of my uterine lining with a dude over a glass of sangria, right?

And there I laid the next day wondering if I had encountered a weird phenomenon that was surely not to be repeated — ves. even after experiencing it first hand, I refused to believe that there'd be more guys like him out there — when a friend IMed me to tell me he had finger-banged a lady the prior night and she, too, was riding the red wave. Ladies, we can all breathe a sigh of relief: More than one guy out there is willing to give you an alternative to BJand-anal week. I suggest you all find one and befriend him.

Needless to say, I am a convert. Yes, it's messy as hell, but with a few minor adjustments, it may possibly be better than restof-the-month sex. It is not the bloodbath people expect upon the thought of it, but if it's a major concern, slap on a condom and take it to the bathroom for easy cleanup. I never knew the myriad sex positions one could incorporate bathroom appliances into: On top of the sink, bent over the toilet, in the shower... Oh me, oh my! And, obvious benefits aside, it really helps with the cramps. Do you need any more

But, of course, period sex is not for everyone. Out of the people I talked to, it was the girls who seem to have the biggest issues with it, which I completely understand. It's hard to feel sexy when your crotch looks like road kill. The guys I talked to who were not grossed out by the thought outnumbered the guys who were by a landslide, so I urge any squeamish girls to get over it because it takes two to tango and if you're not feeling it, it will

M. is a senior in Course 10. She can be contacted at undress@tech.mit.edu.

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TUESDAY, SEPTEMBER 21, 2010 THE TECH 7

U. of California jumps on stem cells case as MIT remains cautious

Stem cells, from Page 1

Congressional appropriations rider that prohibits damage to human

The DOJ disputes Sherley and Deisher's arguments about the legislative history of the rider, called the Dickey-Wicker Amendment.

They further note that the 1996 memo that Sherley and Deisher had cited as evidence of inconsistent behavior on the part of the NIH was not about stem cells at all, but instead "involved preimplantation genetic diagnosis, which is research done directly on human embryos to detect genetic abnormalities. The research discussed in the 1996 letter would thus not be eligible for funding under the 2009 NIH guidelines," the brief said.

The DOJ also responded to the contention that the preliminary injunction barring stem cell research which has been temporarily lifted - affected only recently derived stem cell lines and not stem cell lines that were derived prior to 2001 and approved under President Bush's guidelines.

The DOJ maintains that the plain language of the preliminary injunction doesn't permit distinguishing between "existing stem cell lines" and newly created ones, because the lower court "held that embryonic stem cell research is 'research in which an embryo is destroyed."

California enters the case

The University of California asked for permission to join the case, saying it was "the single largest NIH grantee in the nation whose grants are directly affected by this action," and noting a "lack of focus" on affected research external to NIH by the parties before the court.

The university said its "interest are not adequately represented" by those parties to the case.

"No grantee, however, is represented in this litigation;" it wrote. "Yet grantees are the most directly and immediately affected nonfederal parties" by the ban on re-

The university said it filed because of a lack of "consideration of extramural research by the parties or the court."

The universities' contribution to the lawsuit does not appear to be directly related to the immediately upcoming decision before the court about whether to extend the temporary stay on the research ban; if extended, the temporary stay will last while the lower court's ban is appealed at the appeals court. Instead, the university wishes to participate in whether the appeals court should more permanently overturn the ban. The appeals court will consider that question later on. The first filings in that portion of the case are due on September 30.

"The recent U.S. District Court preliminary injunction blocking federally funded human embryonic stem cell research threatens ongoing potential life-saving research and undermines the time-honored system of peer-reviewed science," the university said in a statement

The university stated that it "believes it is important that the scientific community be permitted to move forward with embryonic stem cell research that provides hope to millions of patients and their families,"

At the same time as the University of California trumpets being "the first research institution in the nation" to try to join this case, MIT has been much more cautious.

MIT continues "to be in close touch" with the American Association of Universities and the Council on Government Relations and "is helping to shape [their] collective positions," said Claude R. Canizares, vice president for research and associate provost.

'We will take independent action only if/when we think it is both necessary and might be effective. Otherwise, we think it best to act collectively with our peers through these associations," Canizares said in an e-mail.

Where gender is all, girls will be boys in Afghan families

By Jenny Nordberg

KABUL, Afghanistan year-old Mehran Rafaat is like many girls her age. She likes to be the center of attention. She is often frustrated when things do not go her way. Like her three older sisters, she is eager to discover the world outside the family's apartment in their middle-class neighborhood of Kabul.

But when their mother, Azita Rafaat, a member of parliament, dresses the children for school in the morning, there is one important difference. Mehran's sisters put on black dresses and head scarves, tied tightly over their ponytails. For Mehran, it's green pants, a white shirt and a necktie, then a pat from her mother over her spiky, short black hair. After that, her daughter is out the door as an Afghan boy.

There are no statistics about how many Afghan girls masquerade as boys. But when asked, Afghans of several generations can often tell a story of a female relative, friend, neighbor or co-worker who grew up disguised as a boy. To those who know, these children are often referred to as neither "daughter" nor "son" in conversation, but as "bacha posh," which literally means "dressed up as a boy" in Dari.

Through dozens of interviews conducted over several months, where many people wanted to remain anonymous or to use only first names for fear of exposing their families, it was possible to trace a practice that has remained mostly obscured to outsiders. Yet it cuts across class, education, ethnicity and geography, and it has endured even through Afghanistan's many wars and governments.

Afghan families have many reasons for pretending their girls are boys, including economic need, social pressure to have sons and, in some cases, a superstition that doing so can lead to the birth of a real boy. Lacking a son, the parents decide to make one up, usually by cutting the hair of a daughter and dressing her in typical Afghan men's clothing. There are no specific legal or religious proscriptions against the practice. In most cases, a return to womanhood takes place when the child enters puberty. The parents almost always make that

In a land where sons are more highly valued, since only they can inherit the father's wealth and pass down a name, families without boys are the objects of pity and contempt. Even a made-up son increases the family's standing, at least for a few years. A bacha posh can also more easily receive an education, work outside the home, even escort her sisters in public, allowing freedoms that are unheard of for girls in a society that strictly segregates men and women.

But for some, the change can be disorienting as well as liberating, stranding the women in a limbo between the sexes.

"I know it's very hard for you to believe why one mother is doing these things to their youngest daughter," Rafaat said in sometimes imperfect English, during one of many interviews over several weeks. "But I want to say for you, that some things are happening in Afghanistan that are really not imaginable

for you as a Western people."

Pressure to have a boy

From that fateful day she first became a mother — Feb. 7, 1999 Rafaat knew she had failed, she said, but she was too exhausted to speak, shivering on the cold floor of the family's small house in Badghis province.

She had just given birth — twice to Mehran's older sisters, Benafsha and Beheshta. The first twin had been born after almost 72 hours of labor, one month prematurely. The girl weighed only 2.6 pounds and was not breathing at first. Her sister arrived 10 minutes later. She, too, was unconscious

When her mother-in-law began to cry, Rafaat knew it was not from fear whether her infant granddaughters would survive. The old woman was disappointed.

'Why," she cried, according to Rafaat, "are we getting more girls in the family?"

Rafaat had grown up in Kabul, where she was a top student, speaking six languages and nurturing high-flying dreams of becoming a doctor. But once her father forced her to become the second wife of her first cousin, she had to submit to being an illiterate farmer's wife, in a rural house without running water and electricity, where the motherin-law ruled, and where she was expected to help care for the cows, sheep and chickens.

Conflicts with her mother-inlaw began immediately, as the new Rafaat insisted on better hygiene and more contact with the men in the house. She also asked her

Afghan girls, Page 17

Tang case may resume as jury trial on Dec. 1

Anna Tang, from Page 1

bench trial before a judge, as it was in June. The other possibility is that the defense may move for a jury trial. Tang's lawyer has requested adtime to make that decision in consultation with Tang's mother, who is currently in China dealing with administrative matters resulting from the death of Tang's father. He passed away this summer from terminal cancer.

On the assumption that the trial will continue as a bench trial before Judge Henry, the trial has been tentatively set to begin on December

The next status conference is rrently scheduled for Thurs October 7 at Middlesex Superior Court in Woburn, MA. The defense is expected to present its decision about whether to continue with a jury-waived bench trial, or whether Tang will ask for a jury trial.



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UA reaches out to freshman voters

UA officers publicized elections at dormitory information sessions

2014 council, from Page 1

ous dorms in-person, while Gupta and Chen passed out miniature flyers with candy and cereal, respectively, during freshmen GIR classes. They also campaigned on social networking sites like Facebook.

Running the election

The UA Senate elections also took place last week. Voting ran from 9 a.m. on Wednesday to midnight on Thursday. The elections went smoothly according to Harrison L. Bralower '11, UA Election Commission Chair.

Voter turnout was roughly the same as last year. About a quarter of the undergraduate class voted. East Campus and Burton-Conner had the highest dorm turnouts at 49 percent and 42 percent, respectively.

Vrajesh Y. Modi '11, UA president said, "I look forward to working with the new class council."

This year, the UA revised its publicity efforts to involve as many freshmen in the Senate and Council elections as possible. Instead of holding a single information session in the student center as in years past, the UA held sessions at individual dorms including East Campus, Simmons, Burton Conner and Next House the week of September 6. Jonté D. Craighead '13, speaker of the UA Senate, said that the UA tried to bring "more outreach" to the dorms. In the past the UA "expected students to come to us," he said.

Planning for a richer FSILG community

FSILG dean, from Page 1

specifics of those cases, but said she supports the judicial process of the Interfraternity Council and the idea of fraternity self-governance.

"I think peers are best able to decide what's acceptable behavior and what's not acceptable in terms of responsibility and sanctioning," she said.

She added, "Every case has unique intricacies, but setting up a standard of expectations and following through on enforcement is the way to send a message to the community about our values."

As dean, Love said that in certain cases of rule-breaking she would intervene through interim action. "In such a case of incidents or behavior that need to be immediately addressed, I would put the organization on suspension or limited privileges until a student-run judicial hearing

MITE

could take place," Love said.

A richer FSILG community

In her new role, Love said she hopes to "strengthen the FSILG community" and "to elevate the FSILG experience to the next lev-

"For example, what does it mean to be a member of a FSILG, beyond just living together?" Love said. "How does FSILG membership impact who you are in the long term, even after you leave MIT?"

She plans to address questions like these, as well as specific issues such as ensuring smooth officer transitions so that the incoming president, vice president, or recruitment chair can build on previous officers' experience and knowledge.

"We've moved beyond the days of the three-ring binder; we can use technology to our benefit through historical documentation, for example to understand why rules are the way they are," Love said. "I think our office can do a better job of supporting those transitions."

Love was not the typical sorority member, she said. As a freshman at the University of Florida, she was sure she did not want to join a sorority. Later, after spending time with her best friend's sorority at social events, she changed her mind. In her junior year, she became a founding member of her school's Delta Zeta chapter.

At MIT, Love has witnessed highs and lows. One of her fond memories is of students racing shopping-cart "chariots" through the underground tunnel system (with helmets and permission).

But she also remembers the March 2008 death of Delta Upsilon senior Robert Wells '08. "We lost a member of the fraternity community two years ago, and it was really jarring to be there with his family and his roommate," Love said. "Personally and professionally, it was really difficult to work through."

Right now, she will focus on hiring another assistant director to fill the job vacancy she is leaving. "Ideally, we will have found the replacement and have a complete staff by the end of the semester," Love said.

In the long term, Love said she wants to look at "the sustainability and longevity of the FSILG system."

"Where will we be in 10 years?" she asked. "In 20 years?"

ENERGY STUDIES MINOR

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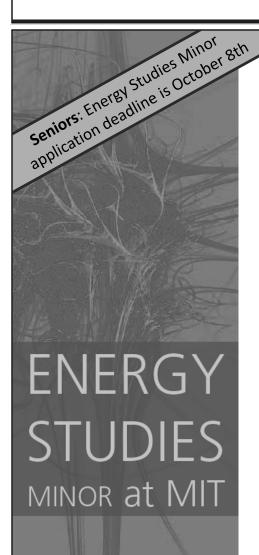
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Tuesday. September 21. 2010

The Tech 9

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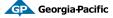
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10 The Tech Tuesday, September 21, 2010



Ben Thompson '13 (left) and another protester explain why they are protesting Pfc. Bradley Manning's imprisonment and impending court marshal to a group of freshmen. Thompson and about 15 others were demonstrating outside of 77 Mass Ave from about noon to 5 p.m. on Sunday. Manning has been imprisoned since May on charges that he leaked classified government information to the website Wikileaks.

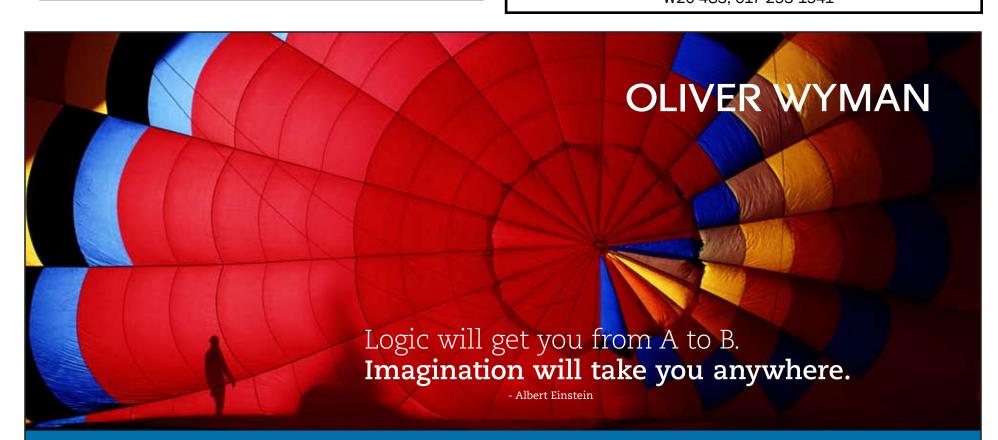


Amie J. Guo '14 browses the selection at Kappa Alpha Theta's semi-annual Charity Denim Designer Jean sale on Friday in Kresge Oval. Proceeds from the sale went to Court Appointed Special Advocates (CASA), a group of community volunteers appointed to speak for abused and neglected children in court.

Free dinner on Sunday nights.



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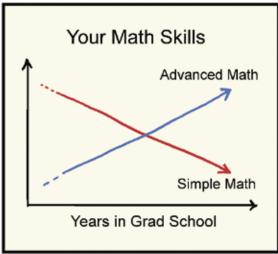


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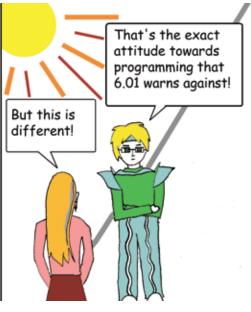
by Jerry Holkins and Mike Krahulik





Somewhere in the Search for Meaning by Letitia Li







Crossword Puzzle I

Solution, page 16

ACROSS

- 6 Ltr. carriers
- 10 Ocean extract
- 14 George or T.S.
- 15 Spiffy
- 16 Tennis great Nastase
- 17 Old-time typescript duplicate
- 19 "Sweater Girl" Turner
- 20 6-pointers
- 21 WBA stats
- 22 "Hamlet" Oscar winner 24 Precious stone
- 25 Cut back
- 26 Fabled city of gold
- 30 Maroon
- 34 Brunch, e.g.
- 35 Completed
- 37 Lyricist Hammerstein
- 38 Rock group
- 39 Soft drinks
- 41 Southern cornbread
- 42 Duck
- 44 Knit

- 45 Killer whale
- 46 Yearn for
- 48 Thought out
- 50 Lytton Strachey's first name
- 52 Put on
- 53 Operating physician
- 56 ISP biggie
- 57 Draft choice
- 60 Oh, yeah
- 61 Determined
- 64 Cordelia's father 65 Planted
- 66 Probe
- 67 <u></u> and ends
- 68 Voque competitor 69 Blotch

DOWN

- 1 Religious subdivision
- 2 Dressed (in)
- 3 Affectations
- 4 Throng
- 5 Dracula's creator
- 6 Ltr. extras

- 7 Recent prefix
 - 8 Fog or mist
 - 9 Engraving tool
 - 10 Inherited wealth
 - 11 Jai
- 12 One's occupation
- 13 Symbol of sadness
- 18 Wanderers
- 23 Toward the center
- 24 Trophy wives, perhaps
- 25 Mulls over
- 26 Implant
- 27 Furlough
- 28 Carvey and Andrews
- 31 Oak-to-be
- 29 Tragic fate
- 32 John __ Garner 33 Trepidation
- 36 Comfort 40 Follow secretly
- 43 New York canal
- 47 Plaza Hotel girl of comics 54 Second-hand
- 49 Some pool balls
- 51 Sign up: var
- 53 Farm building
- 65
- 55 Enjoy some haikus, e.g.
- 56 Bancroft or Archer
- 57 Actress Nazimova
- 58 Italian writer Primo

FUN FUN FUN FUN FUN FUN

- 59 First place?
- 62 Nocturnal bird
- 63 Allow to

12 THE TECH
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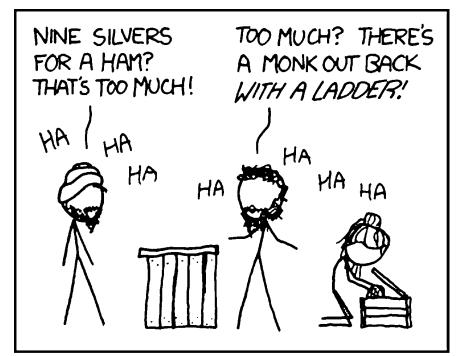
.mit.edu/students/index.php career-fo

Steal My Comic by Michael Ciuffo





xkcd by Randall Munroe **Inside Joke**



THERE'S NO REASON TO THINK THAT PEOPLE THROUGHOUT HISTORY DIDN'T HAVE JUST AS MANY INSIDE JOKES AND CATCHPHRASES AS ANY MODERN GROUP OF HIGH-SCHOOLERS.

much of what's in there is basically pop-culture references lost on us now I've looked through a few annotated versions of classic books, and it's shocking how

Sudoku

Solution, page 16

3		4		1	2 8		6	
		5	6		8			3
			5			8		1
9			4					7
				9				
7					6			8
6		9			3			
4			9		1	5		
	1		8	6		5 2		9

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

Crossword Puzzle II

Solution, page 16

ACROSS

- i iv quantities
- 4 Religious tenet
- 9 Samantha of "The Collector"
- 14 Cheer in a bowl?
- 15 Benefit
- 16 Director of spaghetti westerns
- 17 Raw mineral
- 18 Slowly, in music
- 19 Wide receiver Terrell
- 20 Start of a quip 23 __ contendere
- 24 Japanese honorific
- 25 Page
- 28 New business
- 32 Part 2 of quip
- 34 Workday start, often 37 Jetson's dog
- 38 Exist
- 41 Part 3 of quip
- 43 Bonus NFL periods
- 44 Ivan of tennis
- 46 Start a new lawn

- 48 Part 4 of quip
- 50 Beset by problems
- 54 Spicy stew
- 55 Egg cells
- 58 PC operator
- 59 End of quip 64 Plays' players
- 66 Canadian tribe members
- 67 Recline
- 68 Censor's insert
- 69 Map book
- 70 Aachen article
- 71 Facets
- 72 Coffee concoction
- 73 Sounds of hesitation

DOWN

- 1 Regal toppers
- 2 Bugs Bunny snack
- 3 Australian lass
- 4 Famed surrealist
- 5 Stove chamber
- 6 Band of pals
- 7 Catchers' gloves 8 Island farewell

- 9 North Carolina university
- 10 Baubles
- 11 Enters
- 12 Sheridan or Sothern
- 13 Legal thing
- 21 Of two minds
- 22 Mich. neighbor
- 26 Gossip
- 27 Those, to Tomas
- 29 Proof of ownership
- 30 Durham sch.
- 31 Equal
- 33 Shoot-'em-up
- 35 Writer Burrows
- 36 Network
- 38 Likewise
- 39 Highland dance
- 40 Penned in
- 42 Body of water
- 45 Forced inductee
- 47 Tap on a table 49 Dress (up)
- 51 Wagnerian heroine 52 More chilling 53 Laundry machines
- 56 Out loud
- 57 Main artery 60 Cobra's kin
- 61 Shoulder muscle, briefly
- 62 Carnivore's choice

70

- 63 Latin being
- 64 TV network
- 65 Will Smith biopic



Crossword Puzzle III

Solution, page 16

ACROSS

- 1 Top points
- 6 Spaces between
- 10 Rorshach image 14 Line of work
- 15 Laughfest
- 16 Croupier's tool 17 B, literally
- 19 Memo header
- 20 Pack animal
- 21 Devotee
- 22 Wrestling ring duo 24 Hitchcock thriller
- 27 __ chi ch'uan
- 28 Small, horned viper
- 29 Spot for reporters
- 34 Latte topping
- 37 Rocky outcrop 38 Mia of soccer
- 39 Spellbound
- 40 Garden perennial
- 41 Slender reed 42 Roundish
- 43 Decisive defeat
- 44 Watch furtively

- 45 Road marker
- 47 Luau music maker
- 48 Minor invention
- 49 Potency
- 54 Austere
- 58 Detroit labor grp.
- 59 Spoon-bender Geller
- 60 Hands-on munch
- 61 B, literally
- 64 Baking need
- 65 Kinks' title woman
- 66 Ballet __ of Monte Carlo
- 67 Vexation
- 68 Tolkien trees
- 69 Thomas and Green

DOWN

- 1 No longer on deck
- 2 Computer mishap
- 3 Parson's spread
- 4 Byrnes or Roush
- 5 Egocentric
- 6 Imposing
- 7 Subsidy 8 Verse maker

- 9 Game plan
- 10 B, literally
- 11 Narrow passage
- 12 Southern side dish
- 13 Abound (with) 18 Legendary lawman
- 23 Tank contents
- 25 B, literally
- 26 Brussels __ 30 Harangue
- 31 Mollycoddle
- 32 Melville tale
- 33 Wolverine's group 34 O'Hara's "__ the Terrace" 35 Shankar of the sitar

- 36 Iridescent gem
- 37 Biz honchos
- 40 Likely
- 44 Kabob holders
- 46 Cherry center 47 River to the Caspian
- 50 Big brass
- 51 Party invitee
- 52 Vandalize
- 53 Camouflages

42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 59 60 61 62 63 63															
48 49 50 51 52 56 54 55 56 57 58 59	42					43					44				
54 55 56 57 58 59	45				46					47					
				48				49	50				51	52	50
60 61 62 63	54	55	56				57		58				59		
	60					61		62				63			

- 54 Desist
- 55 Do some road work
- 56 Top pair
- 57 12 o'clock high 62 Three-letter sandwich
- 63 Shade

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Tuesday, September 21, 2010

The Tech 15

Recession is over, but jobs outlook remains dim

Slow economic recovery will prolong unemployment rate above 9 percent, experts say

By Catherine Rampell

THE NEW YORK TIMES

The U.S. economy has lost more jobs than it has added since the recovery began more than a year ago. Yes, you read that correctly.

The downturn officially ended, and the recovery officially began, in June 2009, according to an announcement Monday by the official arbiter of economic turning points.

The 2007-9 recession was not only the longest post-World War II recession but also the deepest, in terms of ... job losses and ... output declines

Since that point, total output — the amount of goods and services produced by the United States — has increased, as have many other measures of economic activity.

But nonfarm payrolls are still down 329,000 from their level at the recession's official end 15 months ago, and the slow growth in recent months means that the unemployed still have a long slog ahead.

"We started from a deep hole," said James Poterba, an economics professor at MIT and a member of the National Bureau of Economic Research's Business Cycle Dating Committee, which declared the recession's end. "And clearly the bounce-back has not been immediate after hitting this trough."

The declaration of the recession's end confirms what many suspected: The 2007-9 recession was not only the longest post-World War II recession but also the deepest, in terms of both job losses and at least one measure of output declines.

The announcement also implies that any contraction that might lie ahead would be a separate and distinct recession, and one that the Obama administration could not claim to have inherited. While economists generally say such a double-dip recession seems unlikely, new monthly estimates of gross domestic product, released by two committee members, show that output shrank in May and June, the most recent months for which data are available. Output and other factors would have to shrink for a longer period of time before another contraction might be declared.

Even without a full-blown double dip in the economy, the recovery thus far has been so anemic that the job picture seems likely to stagnate, and perhaps even get worse, in the near future.

Many forecasters estimate that output needs to grow over the long run by about 2.5 percent to keep the unemployment rate, now at 9.6 percent, constant. The economy grew at an annual rate of just 1.6 percent in the second quarter of this year, and private forecasts indicate growth will not be much better in the third quarter. (The Business Cycle Dating Committee itself does not engage in forecasting)

"The amount of unemployment we've already got and the slowness of recovery lead to predictions that we could have 9-plus percent unemployment even through the next presidential election," said Robert J. Gordon, an economics professor at Northwestern University and a committee member.

"What's really unique about this recession is the amount of unemployment in combination with the slowness of the recovery," he said. "That's just not happened before. We had a sharp recession followed by a sharp recovery in the 1980s. And in '91 and '01 we had slow recoveries, but those recessions were shallow recessions, so the slowness

The unemployment rate, which comes from a different survey, peaked in October at 10.1 percent. The postwar high was in 1982, at 10.8 percent.

didn't matter much."

All three of these most recent recoveries were known as jobless recoveries because employment growth significantly lagged output growth. In this recovery, the job market bottomed six months after economic output bottomed. That is still not nearly as much of a lag as experienced after the 2001 recession, when it took the job market 19 months to turn around after output improved.

This new pattern of jobless recoveries has led to some complaints that employment should play a more prominent role in dating business cycles and to criticism that a jobless recovery is not truly a recovery at all. Business Cycle Dating Committee members have been reluctant to change their criteria too drastically, though, because they want to maintain consistency in the official chronology of contractions and expansions.

While all three recent recoveries have been weak for employment, the job market has to cover the most ground from the latest recession.

From December 2007 to June 2009, the U.S. economy lost more than 5 percent of its nonfarm payroll jobs, the largest decline since World War II. And through December 2009, the month that employment hit bottom, the nation had lost more than 6 percent of its jobs.

The unemployment rate, which comes from a different survey, peaked in October at 10.1 percent. The postwar high was in 1982, at 10.8 percent. But the composition of the work force was very different in the 1980s — it was younger, and younger people tend to have higher unemployment rates — and so if adjusted for age, unemployment this time around actually looks much worse.

The broadest measure of unemployment, including people who are reluctantly working part time when they wish to be working full time and those who have given up looking for work altogether, also was at its highest level since World War II.

There is some debate, though, about whether this recession was the worst in terms of output.

Adjusted for inflation, output contracted more than in any other

postwar period, according to Robert E. Hall, a Stanford economics professor and committee chairman.

But some economists say that

Adjusted for inflation, output contracted more than in any other postwar period...

a better measure would be the gap between where output is and where it could have been if growth had been uninterrupted.

"It's definitely not as deep as 1981-82 when measured relative to the economy's potential growth rate," Gordon said.

Besides employment, nearly every indicator that the committee considers simultaneously reached a low point in June 2009, which made that month a relatively easy selection as the official turning point, Gordon said. The committee previously met in April but had decided that the data were inconclusive.

In its statement Monday affirming the recession's end, the bureau took care to note that the recession, by definition, meant only the period until the economy reached its low point — not a return to its previous vigor.

"In declaring the recession over, we're not at all saying the unemployment rate, or anything else, has returned to normal," said James H. Stock, an economics professor at Harvard and a member of the business cycle committee.

"We clearly still have a long ways to go."

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Paul Tillberg **Electrical Engineering**

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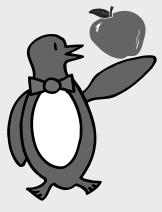
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Solution to Sudoku

3 | 8 | 4 | 7 | 1 | 2 | 9 | 6 | 5 5 3 9 8

8 5 8 4 6 1 9 7 5 1 3 2 6 4 7 9 2 5 3 1 4 2 8 9 7 1 5 3 8 6

Solution to Crossword I

IIO <u>I</u> II page 11														
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Solution to Crossword II

from page 13

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Solution to Crossword III

FAN TAGTEAM BOBBLEHEAD Tuesday, September 21, 2010

The Tech 17

Afghan boys favored over girls

Families face societal pressure to have sons

Afghan girls, from Page 7

mother-in-law to stop beating her husband's first wife with her walking stick. When Rafaat finally snapped the stick in protest, the older woman demanded that her son, Ezatullah, control his new wife.

He did so with a wooden stick or a metal wire.

"On the body, on the face," she recalled. "I tried to stop him. I asked him to stop. Sometimes I didn't."

Soon, she was pregnant. The family treated her slightly better as she grew bigger.

"They were hoping for a son this time," she explained.

Ezatullah Rafaat's first wife had given birth to two daughters, one of whom had died as an infant, and she could no longer conceive. Azita Rafaat delivered two daughters, double the disappointment.

Azita Rafaat faced constant pressure to try again, and she did, through two more pregnancies, when she had two more daughters — Mehrangis, now 9, and finally Mehran, the 6-year-old.

Asked if she ever considered leaving her husband, she reacted with complete surprise.

"I thought of dying," she said.
"But I never thought of divorce. If I had separated from my husband, I would have lost my children, and they would have had no rights. I am not one to quit."

Today, she is in a position of power, at least on paper. She is one of 68 women in Afghanistan's 249-member parliament, representing Badghis province. Her husband is unemployed and spends most of his time at home.

"He is my house husband," she joked. By persuading him to move away from her mother-in-law and by offering to contribute to the family income, she laid the groundwork for her political life. Three years into their marriage, after the fall of the Taliban in 2002, she began volunteering as a health worker for various nongovernmental organizations. Today she makes \$2,000 a month as a member of parliament.

As a politician, she works to improve women's rights and the rule of law. She ran for re-election Saturday and, based on a preliminary vote count, is optimistic about securing another term. But she could run only with her husband's explicit permission, and the second time around, he was not easily persuaded.

He wanted to try again for a son. It would be difficult to combine pregnancy and another child with her work, she said — and she knew she might have another girl in any case.

But the pressure to have a son extended beyond her husband. It was the only subject her constituents could talk about when they came to the house, she said.

"When you don't have a son in Afghanistan," she explained, "it's like a big missing in your life. Like you lost the most important point of your life. Everybody feels sad for you."

As a politician, she is also expected to be a good wife and a mother; instead she looked like a failed woman to her constituents. The gossip spread back to her province, and her husband was also questioned and embarrassed, she said.

In an attempt to preserve her job and placate her husband, as well as fending off the threat of his getting a third wife, she proposed to her husband that they make their youngest daughter look like a son.

"People came into our home feeling pity for us that we don't have a son," she recalled reasoning. "And the girls — we can't send them outside. And if we changed Mehran to a boy we would get more space and freedom in society for her. And we can send her outside for shopping and to help the father."

No Hesitation

Together, they spoke to their youngest daughter, she said. They

made it an alluring proposition: "Do you want to look like a boy and dress like a boy, and do more fun things like boys do, like bicycling, soccer, and cricket? And would you like to be like your father?"

Mehran did not hesitate to say yes.

That afternoon, her father took her to the barbershop, where her hair was cut short. They continued to the bazaar, where she got new clothing. Her first outfit was "something like a cowboy dress," Rafaat said.

She even got a new name — originally called Manoush, her name was tweaked to the more boyish-sounding Mehran.

Mehran's return to school — in a pair of pants and without her pigtails — went by without much reaction by

her fellow students. She still napped in the afternoons with the girls and changed into her sleepwear in a separate room from the boys. Some of her classmates still called her Manoush, while others called her Mehran. But she would always introduce herself as a boy to newcomers.

Today, the family's relatives and colleagues all know Mehran's real gender, but the appearance of a son before guests and acquaintances is just enough to keep the family functioning, Rafaat said. At least for now.

Mehran's father said he felt closer to her than to his other children and thought of her as a son.

"I am very happy," he said. "When people now ask me, I say yes and they see that I have a son. So people are quiet, and I am quiet."

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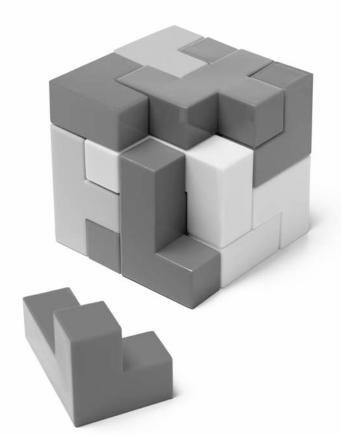
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The Boston Celtics

The NBA's most decorated team is ready for another title run — if they can stay healthy

By Zach Hynes

The seventeen-time world champions are the most accomplished team in New England sports and appear primed for another title run. Here's a look at the past, present, and future of the Celtics.

History

The Celtics were the dominant force in the NBA for much of the late twentieth century. With legendary center Bill Russell and coach Red Auerbach leading the way, the Celtics captured 11 titles within a 13-year span beginning in 1959. In the late 1970s and 1980s, the likes of Larry Bird, Kevin McHale, and Robert Parish led the Celtics to five titles as the team battled its West Coast nemesis, the Los Angeles Lakers, year-in and year-out for basketball supremacy. As the roster turned over in the early 90s, the Celtics lost their stars to retirement and entered a period of decline, bottoming out with a 15-67 season in '96-'97.

They burst back into the Boston sports consciousness with a string of playoff appearances in the early half of the 00's, but

many of the Celtics' investments in young talent did not pan out on the time scale expected by management. Two deals in the summer of 2007 changed everything. The Celtics coughed up a top draft pick and spare parts for superstar Ray Allen and second-round draft pick Glen "Big Baby" Davis. With Paul Pierce and Ray Allen on board, and little else in the way of established talent, the Celtics seemed well-positioned to make it to the playoffs for a few years but could not have been considered true championship contenders on par with San Antonio and Los Angeles. That was when Danny Ainge exchanged many of the talented young "projects" that the Celtics had on their hands for Kevin Garnett, a perennial all-star for a mediocre Minnesota Timberwolves squad. During the 2007-08 season, the "Big Three" helped to expedite the development of talented point guard Rajon Rondo as the Celtics rolled through the regular season. After conquering the Eastern Conference in the playoffs, they downed their old rival, the Los Angeles Lakers, in six games in the NBA finals, capping a remarkable turnaround from the mediocrity of the

previous season.

Upcoming season

The "core" of the Celtics has aged but remains largely the same. Most commentators now refer to the "Core Four" or the "Big Four" of the Celtics, counting the multitalented, lightning-fast Rajon Rondo as part of the group most critical to the Celtics' success. The last two years have been marked by valiant playoff runs. The Celtics made it to the second round of the Eastern Conference playoffs in 2009 while Kevin Garnett was out with a knee injury. During the past season, they struggled at times in the regular season but returned to form just in time for the playoffs. After knocking off teams headlined by Dwayne Wade (Heat), LeBron James (Cavaliers), and Dwight Howard (Magic), the Celtics fell one game short of an eighteenth NBA title at the hands of the Los Angeles Lakers.

A healthy Celtics team will go far in 2010-11; the bench appears to be in good shape with recent acquisitions like free agent signee Shaquille O'Neill, free agent signee Jermaine O'Neal, and acquisition Nate Robinson, who came up big in the playoffs while backing up Rondo. Pierce re-committed to

the Celtics this past offseason with a fouryear deal, and Allen signed a two-year extension as well. The twenty-four year-old Rondo will continue to assume greater responsibility on this team, but the rest of the Celtics should be just as hungry as ever for another NBA title.

Get to know the team

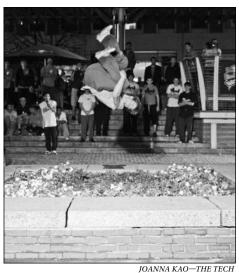
The Celtics share the TD Garden (North Station stop on the Green Line) with the Bruins, playing forty-one home games a year in the arena. One of the hottest tickets in town, there are balcony seats that go for \$10.00, but those seats will go quickly (individual game tickets went on sale this past Friday). The next-cheapest tickets start at \$59.50 ("Promenade" section) and can be as expensive as \$328.00 for lodge seats. You can catch the Celtics on TV as well at Comcast SportsNet New England; they are also featured frequently on national television (ABC). They face off against the stacked Miami Heat on October 26 in Boston; the game will be the Heat debut for stars LeBron James and Chris Bosh and is one of the most anticipated regular season match-ups in recent history.



Marcus Gustafsson of Sweden practices his flip over two prop newspaper boxes filled with luggage bags an hour before the competition.



Yoann Leroux meditates on the top of a fork lift during the practice session in anticipation for throwing a difficult and dangerous backflip in the preliminary competition. He also spent nearly 15 minutes placing sandpaper on various portions of the top of



Michael Turner, one of eight athletes featured in MTV's Ultimate Parkour Challenge, does a roll over a small patch of grass in City Hall Plaza.

Urban gymnastics is concrete + chutzpah

Parkour and free-running athletes bring it at City Hall Plaza on Friday

By Joanna Kao

Twenty of the world's best free-runners and parkour athletes gathered for the Red Bull Art of Motion competition

held at City Hall Plaza in downtown Boston on Friday. Parkour is a way of traveling from one point to another using surrounding objects to increase efficiency. Free

running is essentially acrobatics integrating the city landscape. The event combined various disciplines of athleticism and art using free running, parkour, martial arts, and gymnastics. Athletes were judged on their creativity, fluidity, technical diffi-

culty, and execution. The judges of the event were definitely no strangers to parkour and free running. One of the five judges was Ryan Doyle, the first champion of the Red Bull Art of Motion event. The host of the event was Travis Wong, the co-host of MTV's Ultimate Parkour Challenge.

Even though the event was a competition, the athletes were incredibly supportive of each other, making the event seem more like a fan exhibition rather than a competition. Athletes cheered each other on during the competition and gave each other tips during the practice sessions earlier in the day.

During the practice time, they worked on individual tricks and then worked on stringing together several to create a routine. Yoann Leroux, the only French competitor, prepared himself for a difficult trick that he later pulled out in the preliminary round by meditating. Patrick Carter, an athlete from Minnesota, accidentally created a new trick for himself ten minutes before the competition began. He decided to use it after another competitor said that it looked tough to do and spent the next few minutes integrating it into a string of tricks he had prepared.

MIT students had a presence in the crowd — Joseph K. Lane '11 attended the event along with Allen S. Yin '11, Nathaniel Jay T. Salazar '11, Jennifer P. Chan '11, Isaac T. Entz '11, and Kirsten H. Aarsvold '11, after finding out about the event through Facebook. "None of us had seen parkour live and wanted to see what an actual competition would be like. Plus, it was a good chance to get [out] and do something different in Boston," Lane said.

Lane stayed for the entire competi-

tion and got to see part of the practice session earlier in the day. "It was cool to see that people came from all over the world to compete. Some of the tricks were really impressive. Plus they were giving out Red Bull for free. One guy was from Paris and wore a cat's tail on his pants; that was hot," Lane said.

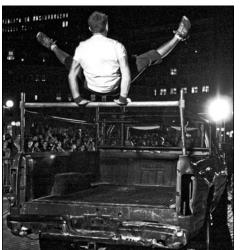
Lane thought that the event was fun despite never having done parkour or seen it live before. "If you can call jumping on the walls and couches of Simmons parkour, then we are definitely experienced parkourers," Lane said.

The competition began with a preliminary round with all twenty athletes. Competitors got 90 seconds to use the course to impress the judges with their tricks. Highlights from the preliminary round included an impressive series of flips by Germany's Jason Paul, a smooth-for-his-age series of tricks made by 15-year old John Reynolds, and an extremely dangerous "backflip precision on fork" trick made by Ler-

Leroux completed an extremely dangerous back flip on a forklift arm over two stories in the air.

oux, referring to a trick where he completed a back flip on a forklift arm over two stories in the air. The clear crowd favorites were Dylan Polin, a native of Massachusetts, and Michael Clark, who brought a considerably large posse of friends and fans (or perhaps just several extraordinarily vocal friends).

Eight of the twenty competitors moved onto the finals. The finals began with Leroux, who set the tone of the competition. Most athletes performed tricks on the 2nd floor of City Hall, where the spectators could not really observe. However, all competitors traveled onto the ground level at some point during their run through a series jumps. The most impressive run made in the finals was one by Paul who suddenly leaped with a series of intricate and beautiful flips over the 2nd story of City Hall to the top of a prop van and again to the ground in just mere seconds. His run served him well, and he left with 1st place. Following him in 2nd and 3rd place were Pip Andersen from the UK and Marcus Gustafsson of Sweden.



Patrick Bryan throws a gymnastics-inspired trick on the back of a pickup truck after learning it just ten minutes before the beginning of the competition.



Pip Andersen, who took home 2nd place, jumps from the top of a van to the side of a pickup truck during the practice session.



Patrick Bryan side flips off the tire after running off the stairs behind him during the practice session.

Tuesday, September 21, 2010

The Tech 19

Sorry, Harvard!



IESSICA I. WAS

Goalkeeper Columbus Leonard '12 blocks a shot from Harvard on Friday, keeping the score at 5-0 into the 3rd period. MIT went on to win 7-6 and take 7th place in the ECAC Championship.

SPORTS SHORTS

Field Hockey dominates Clark

Behind career days from Alexandra A. Wright '11 and Katie Kauffman '12, the MIT field hockey team won its NEWMAC opener over Clark University, 8-2, on Sunday afternoon. Wright tallied a career best four goals while Kauffman set a new program record with five assists to help the Engineers move to 6-1 on the

program record with five ass season.

Wright, a defender, converted a penalty corner pass from Kauffman just 5:11 into the game for first career goal. Jessica M. Oleinik '11 knocked home a bouncing rebound just over five minutes later to increase the lead

Wright and Kameron L. Klauber '12 found the back of the net within 30 seconds of each other just a few minutes later and Klauber added another goal in the 16th minute.

Wright added her third and fourth goals in the second half and Molly E. McShane '13 scored for the first time this season. Kauffman assisted all four of Wright's goals and had five total on the day.

The Engineers will be back in action on Wednesday, hosting Nichols College in a rematch of the teams' 2010 NCAA Tournament opening round contest. The game begins at $6:00~\rm p.m.$ on Jack Barry Field.

-Greg McKeever, DAPER Staff

UPCOMING HOME EVENTS

Tuesday, September 21

Women's Soccer vs. Lesley University

4 p.m., Steinbrenner Stadium

Wednesday, September 22

Men's Soccer vs. Brandeis University

4 p.m., Steinbrenner Stadium

Field Hockey vs. Nichols College

6 p.m., Jack Barry Field



JOANNA KAO—THE TECH

Yoann Leroux executes a backflip precision on a 15-foot-high fork lift. He has said that he has done the same trick at heights twice as high.



IOANNA KAO—THE TECH

The top three (Jason Paul, Pip Andersen, and Marcus Gustafsson) celebrate on the podium with their champagne seconds before making it rain on the crowds below.





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